



IAP6 Rec'd PCT/PTO 29 MAY 2007

PTO/SB/21 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

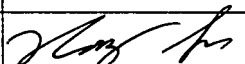
Total Number of Pages in This Submission

Application Number	10/576,909
Filing Date	April 24, 2006
First Named Inventor	Jianyuan HAO
Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	0290897.00121US1

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Copy of Notification of Missing Requirements & Response
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Request for Extension of Time
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	3.73 (b) Statement w/copy of Assignment Declaration
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	Remarks	Form PTO SB/08
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		20 References
		Return Postcard

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	WILMER CUTLER PICKERING HALE AND DORR LLP		
Signature	 Henry H. Gu Reg. No. 55,227		
Printed name for	Hollie L. Baker		
Date	05/29/2007	Reg. No.	31,321



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<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> <b>FEE TRANSMITTAL</b> <b>For FY 2006</b>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/576,909
<b>TOTAL AMOUNT OF PAYMENT</b> (\$ ) 130.00		Filing Date	April 24, 2006
		First Named Inventor	Jianyuan Hao
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
		Attorney Docket No.	0290897.00121US1

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 08-0219 Deposit Account Name: Wilmer Cutler Pickering Hale and Dorr LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

**Total Claims**    **Extra Claims**    **Fee (\$)**    **Fee Paid (\$)**    **Multiple Dependent Claims**

\_\_\_\_\_ - 20 = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_    **Fee (\$)**    **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims**    **Extra Claims**    **Fee (\$)**    **Fee Paid (\$)**

\_\_\_\_\_ - 3 = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

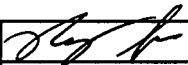
**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____ / 50 _____ (round up to a whole number) x _____	_____	_____

**4. OTHER FEE(S)**

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): 1051 Surcharge-Late oath or declaration	130.00

<b>SUBMITTED BY</b>			
Signature	 Henry H. Gu	Registration No. (Attorney/Agent)	31,321
Name (Print/Type)	Hollie L. Baker	Date	05/29/2007

06/01/2007 MKAYPAGH 00000112 10576909

01 FC:1617 130.00 DA



Application No. (if known): 10/576,909

Attorney Docket No.: 0290897.00121US1

## Certificate of Express Mailing Under 37 CFR 1.10

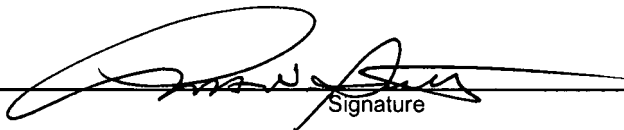
I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EQ 786705750 US in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
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on

5/29/07

Date



Signature

Anthony W. Sutton

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 526-6000

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal (1 page)  
Fee Transmittal (1 page)  
Notification of Missing Requirements and Response  
Charge \$1,150.00 to deposit account 08-0219  
Declaration for Utility or Design Patent Application with a Suppl ADS (5 pages)  
Power of Attorney (1 page)  
3.73(b) Statement with Copy of Assignment (6 pages)  
Request for Extension of Time (1 page)  
Information Disclosure Statement  
Form PTO SB/08  
20 References  
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5-3107  
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U.S. APPLICATION NUMBER NO. 10/576,909	FIRST NAMED APPLICANT Jianyuan Hao	ATTY. DOCKET NO. 0290897.00999US1
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INTERNATIONAL APPLICATION NO.
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PCT/GB04/04470

I.A. FILING DATE 10/22/2004	PRIORITY DATE 10/23/2003
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23483

WILMER CUTLER PICKERING HALE AND DORR LLP  
60 STATE STREET  
BOSTON, MA 02109

CONFIRMATION NO. 1411

371 FORMALITIES LETTER



\*OC000000021736955\*

Date Mailed: 12/27/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/24/2006
- Copy of the International Search Report filed on 04/24/2006
- Preliminary Amendments filed on 04/24/2006
- U.S. Basic National Fees filed on 04/24/2006
- Priority Documents filed on 04/24/2006
- Specification filed on 04/24/2006
- Claims filed on 04/24/2006
- Drawings filed on 04/24/2006



The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity.

WILMER CUTLER PICKERING  
HALE and DORR LLP DOCKETING

RE: 290897.121051

Action Date: 12/27/07

Action to be Taken: Missing Requirements

Docketed By: [Signature] 12/29/07

- **\$130** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

KAYA L LEWIS BALTIMORE

Telephone: (703) 308-9140 EXT 202

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/576,909	PCT/GB04/04470	0290897.00999US1

FORM PCT/DO/EO/905 (371 Formalities Notice)

Docket No.: 0290897.00121US1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Jianyuan Hao et al.	Confirmation No.:	1411
Application No.:	10/576,909	Art Unit:	N/A
Filed:	April 24, 2006	Examiner:	Not Yet Assigned
Title:	PREPARING ACTIVE POLYMER EXTRUDATES		

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

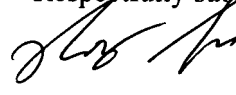
Dear Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DP/EO/US) – mailed December 27, 2006 (copy enclosed), Applicants respectfully submit Declarations, a Supplemental Application Data Sheet, a Power of Attorney, a Statement Under 37 CFR 3.73(b) with copy of Assignment, an Information Disclosure Statement, an Information Disclosure Citation (PTO SB/08) with references and Request for Extension of Time.

Please charge the required fees to our Deposit Account No. 08-0219. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 08-0219, under Order No. 0290897.00121US1. A duplicate copy of this paper is enclosed.

Dated: 05/29/2007

Respectfully submitted,

 Henry H. Gu

Reg. No. 55,227

For : Hollie L. Baker  
Registration No.: 31,321  
Attorney for Applicant(s)

Wilmer Cutler Pickering Hale and Dorr LLP  
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Boston, Massachusetts 02109  
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